

12. Operations and logistics at Cape Shirreff, Livingston Island; and Copacabana, King George Island, Antarctica, 2001/02; submitted by Jessica D. Lipsky and Rennie S. Holt.

12.1 Objectives and Accomplishments: During the 2001/02 field season, the AMLR Program occupied a field camp at Cape Shirreff, Livingston Island, Antarctica (62° 28'07"S, 60° 46'10"W) to support land-based research on seabirds and pinnipeds. The camp was occupied continuously from 14 November 2001 through 13 March 2001. The AMLR Program provided logistical support to the Copacabana field camp on King George Island (62° 10'S, 58° 30'W), which is the site of seabird research funded by the National Science Foundation.

Four personnel (S. Trivelpiece, C. Thiessen, R. Hollingshead and M. Romano) and provisions were deployed from the R/V *Lawrence M. Gould* to the Copacabana field camp at Admiralty Bay, King George Island on 12 October 2001.

A four-person field team (M. Goebel, I. Saxer, D. Scheffler and J. Lyons), along with provisions, equipment and supplies, arrived at Cape Shirreff, Livingston Island aboard the R/V *Nathaniel B. Palmer* on 14 November 2001. Scientific activities were quickly initiated. Maintenance of the campsite and bird blind observation also began.

One person (L. Shill) and field supplies were deployed to the Copacabana field camp on 17 November 2001 from the R/V *Nathaniel B. Palmer*.

Two additional personnel (Steve Emslie and Mike Polito) and supplies arrived at the Copacabana field camp from the R/V *Yuzhmorgeologiya* on 14 January 2002.

One person (W. Trivelpiece) and supplies arrived at the Copacabana field camp on 17 January 2002 from the R/V *Calstar*.

Three additional personnel (R. Holt, B. Parker and V. Vallejos) and supplies arrived at the Cape Shirreff campsite from the R/V *Yuzhmorgeologiya* on 16 January 2002.

One person (W. Trivelpiece) and supplies were deployed at Cape Shirreff from the R/V *Yuzhmorgeologiya* on 5 February 2001.

One person (S. Trivelpiece) departed Copacabana on 18 November 2001 aboard the R/V *Explorer*.

One person (L. Shill) departed the Copacabana camp on 17 January 2002 aboard the R/V *Calstar*.

One person (M. Goebel) was retrieved from the Cape Shirreff field camp on 8 February 2002 aboard the R/V *Yuzhmorgeologiya*.

One person (R. Hollingshead) was retrieved from the Copacabana field camp on 5 February 2002 about the R/V *Yuzhmorgeologiya*.

On 13 March 2002, a six-person team closed the Cape Shirreff field camp for the season. All personnel (R. Holt, W. Trivelpiece, B. Parker, I. Saxer, J. Lyons and D. Scheffler), along with garbage and equipment requiring maintenance for protection from the winter weather, were removed and loaded aboard the R/V *Yuzhmorgeologiya* for return to the United States.

On 1 March 2002, a two-person team (C. Thiessen, M. Romano) closed and departed for the season the Copacabana campsite by the R/V *Yuzhmorgeologiya*, along with trash and retrograded equipment.

Daily radio communications were maintained by Cape Shirreff with the R/V *Yuzhmorgeologiya* and Copacabana field camp by SSB radio.

12.3 Recommendations: Support provided by the R/V *Yuzhmorgeologiya* and the AMLR scientific complement made a significant contribution to the success of the field camp at Cape Shirreff. Use of the Chilean ATV and trailer were vital for transporting materials and supplies from the boat landing to the Cape Shirreff campsite. Thanks to the R/V *Nathaniel B. Palmer* crew and scientific parties during the season's opening at Cape Shirreff and to the R/V *Lawrence M. Gould* during the season's opening at the Copacabana field camp.